

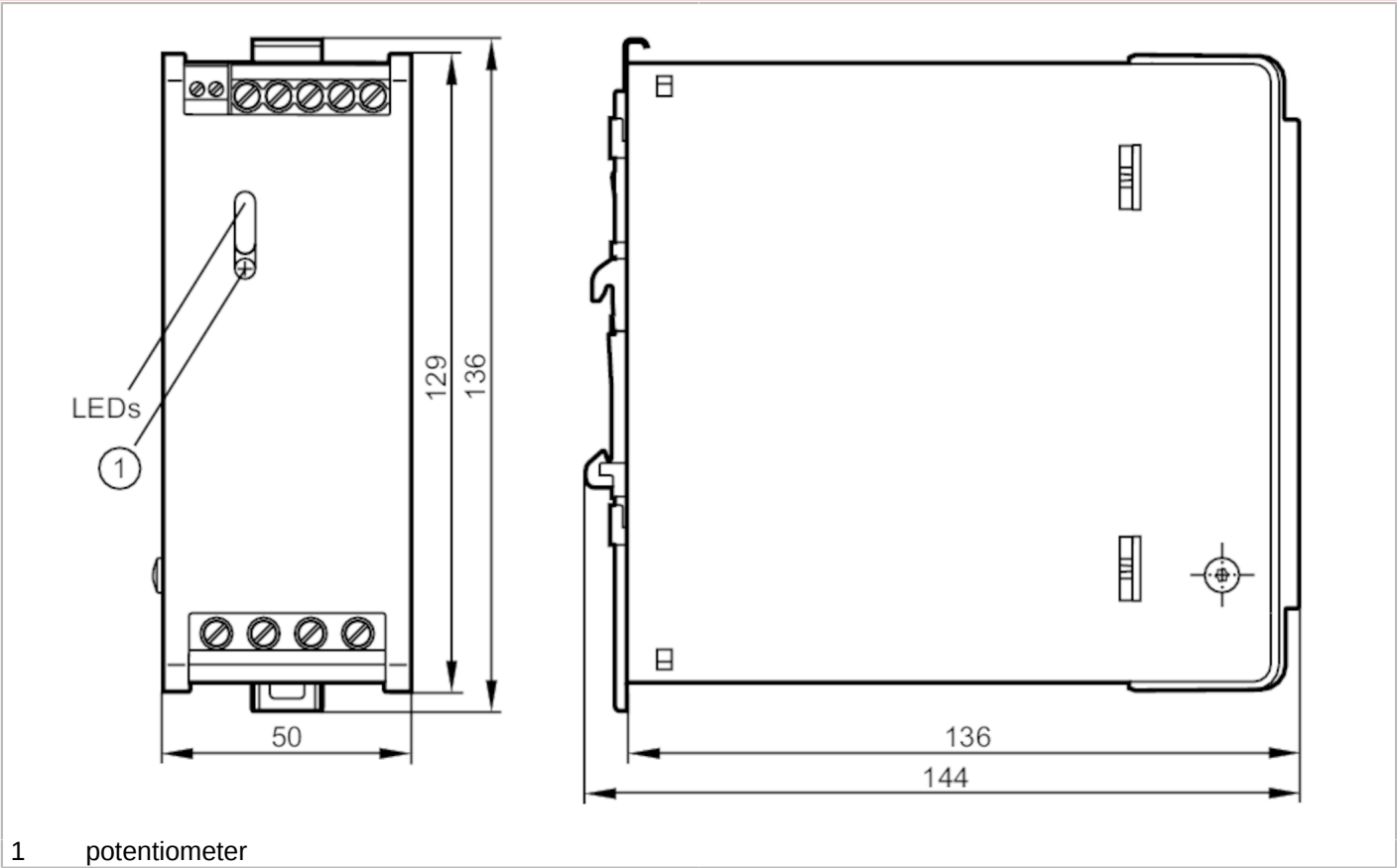
DN3011



Switched-mode power supply 24 V DC

PSU-1AC/24VDC-2,5A

Status Archive



Electrical data		
Operating voltage tolerance	[%]	10
Nominal frequency AC	[Hz]	47...63
Input voltage AC	[V]	100...240
Output voltage DC	[V]	24...28
Protection class		I; (IEC 61140)
Max. power-on delay time	[ms]	1000
Power-on delay time	[s]	< 1000
Output voltage	[V]	adjustable
Max. output current at min. output voltage	[A]	2.5
Number of output circuits		1
Max. residual ripple	[mV]	50
Efficiency (nominal voltage 230 V AC / 50 Hz)	[%]	87.1
External input protection		10 A; B
Derating	[W/K]	> 60°C (3%/K)
Mains buffering time (nominal voltage 230 V AC / 50 Hz)	[ms]	450



Switched-mode power supply 24 V DC

PSU-1AC/24VDC-2,5A

Outputs		
Short-circuit proof	yes	
Overload protection	yes	
Reliability of the DC OK signal	30 V DC (< 1 A)	
Operating conditions		
Ambient temperature	[°C]	0...70
Protection	IP 20	
Tests / approvals		
EMC	EN 61000-6-2	
	EN 61000-6-3	
MTTF	[years]	150
Mechanical data		
Weight	[g]	977.8
Type of mounting	rail; (TH35 (EN 60715); free space for convection cooling 20 mm)	
Dimensions	[mm]	129 x 50 x 136
Materials	AlMg3; steel sheet; PC	
Displays / operating elements		
Display	DC ok	1 LED, green
	overload	1 LED, red
Remarks		
Remarks	output voltage to SELV, PELV	
Pack quantity	1 pcs.	
Electrical connection		
screw terminals:		
Connection		
② DC ok + + 24 V DC - - ① ⏏ N L 100...240 V AC 1: primary 2: secondary		